

1/31

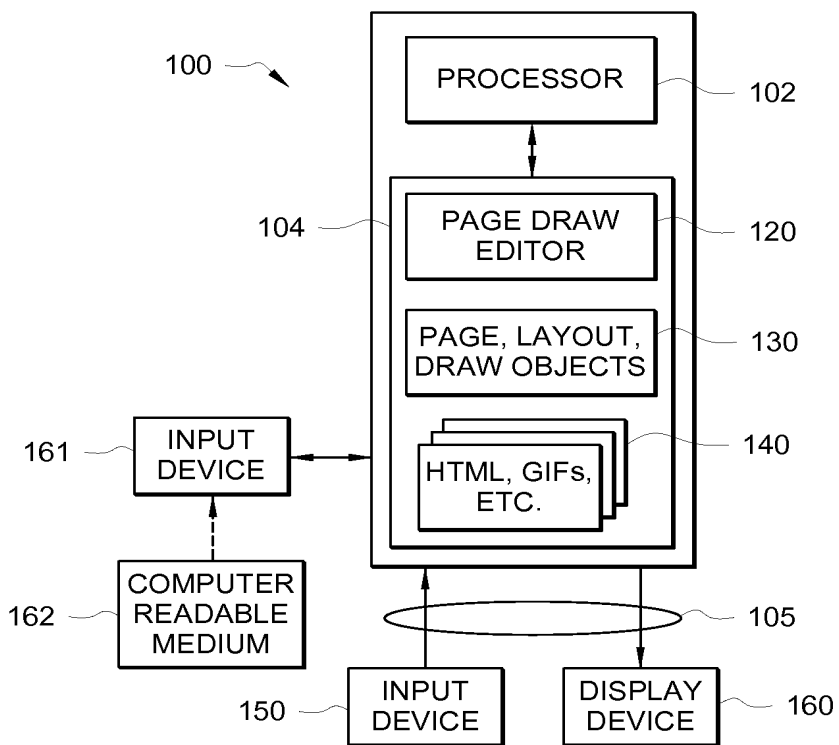
FIG. 1

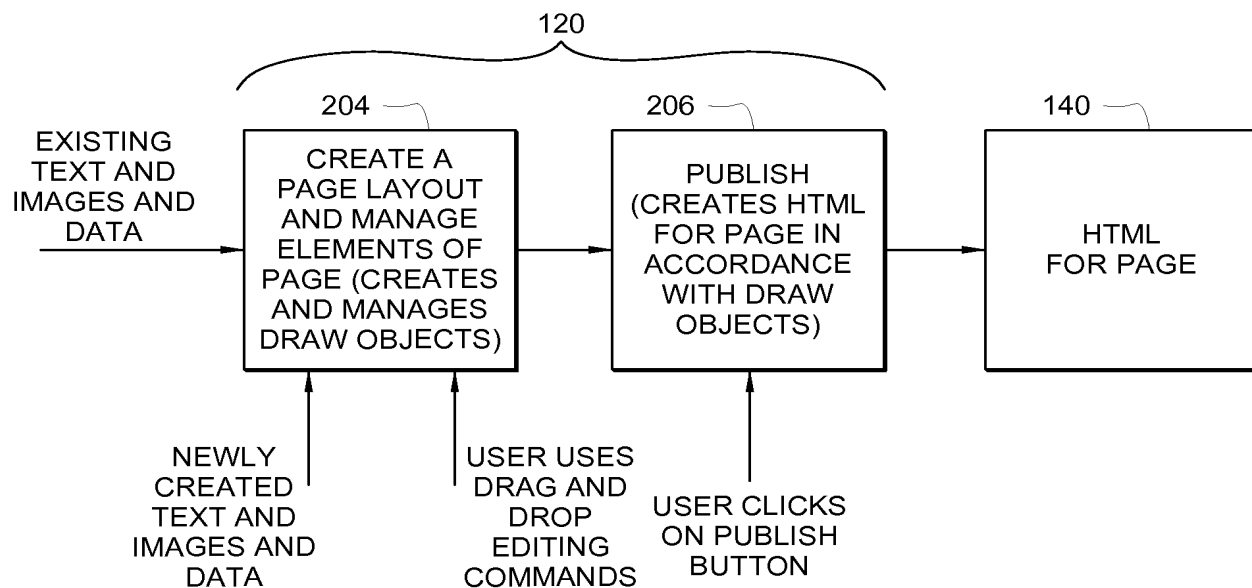
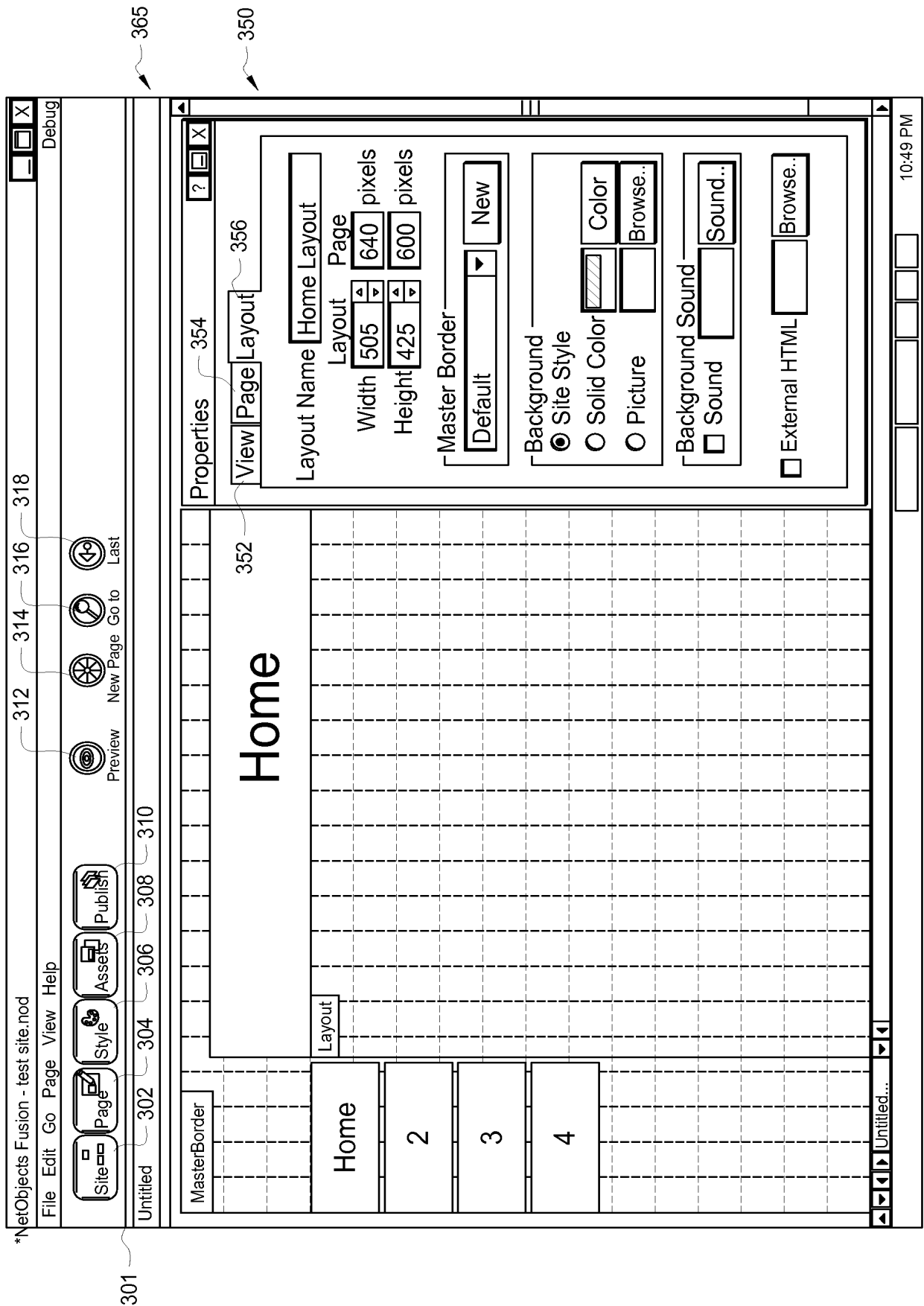
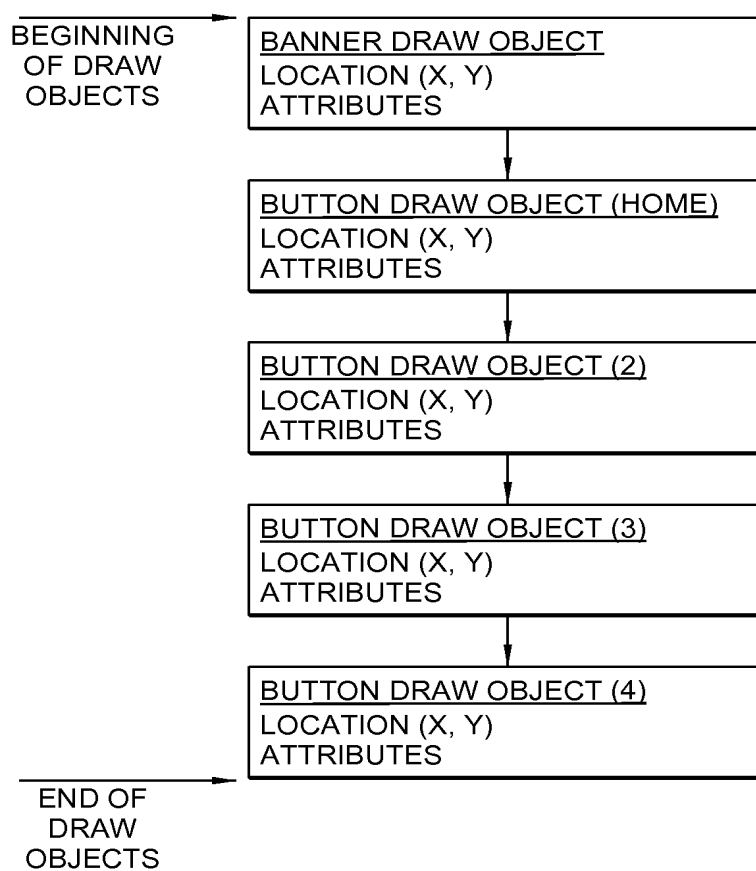
FIG. 2

FIG. 3



4/31

FIG. 4A

5/31

FIG. 4B

DRAW OBJECT FOR TEXT

LOCATION
ATTRIBUTES

LOCKED-SIZE FLAG

6/31

FIG. 5

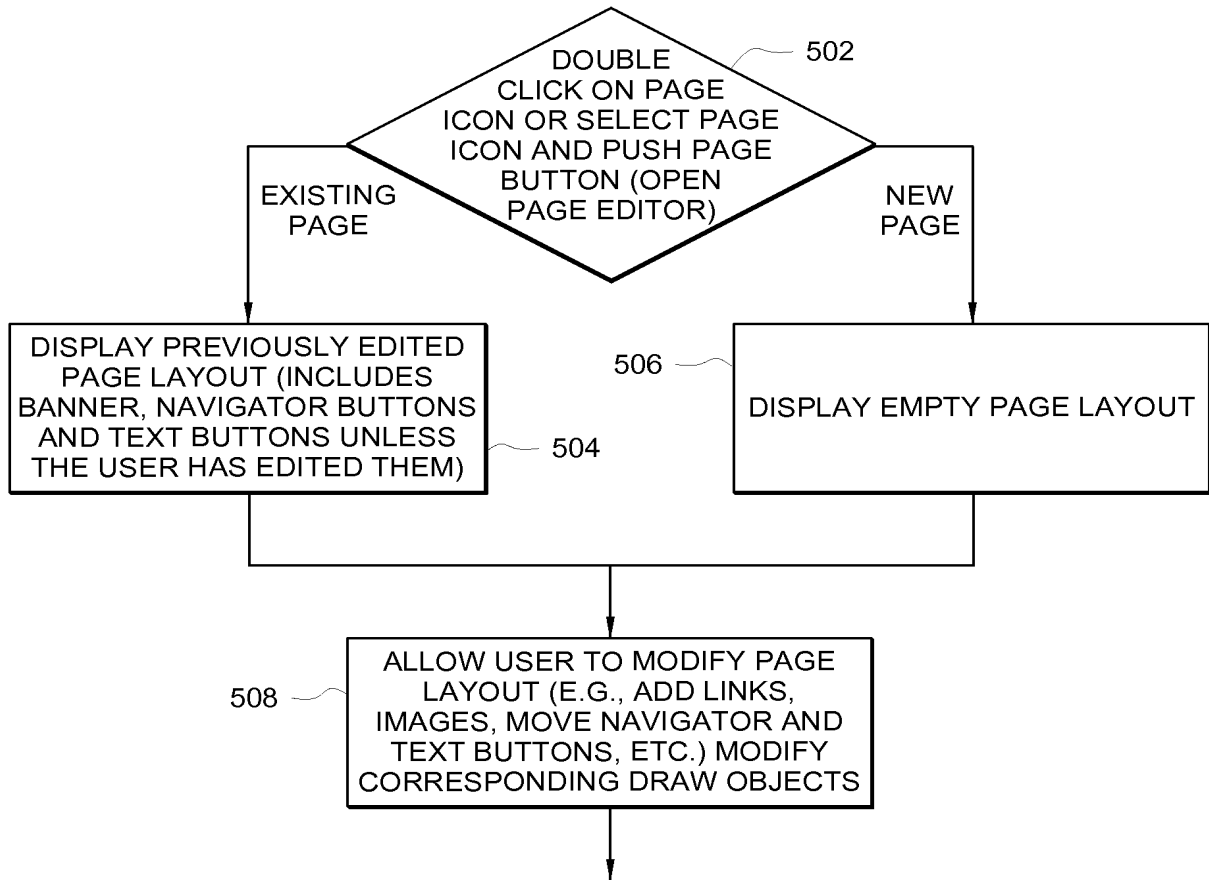


FIG. 6A

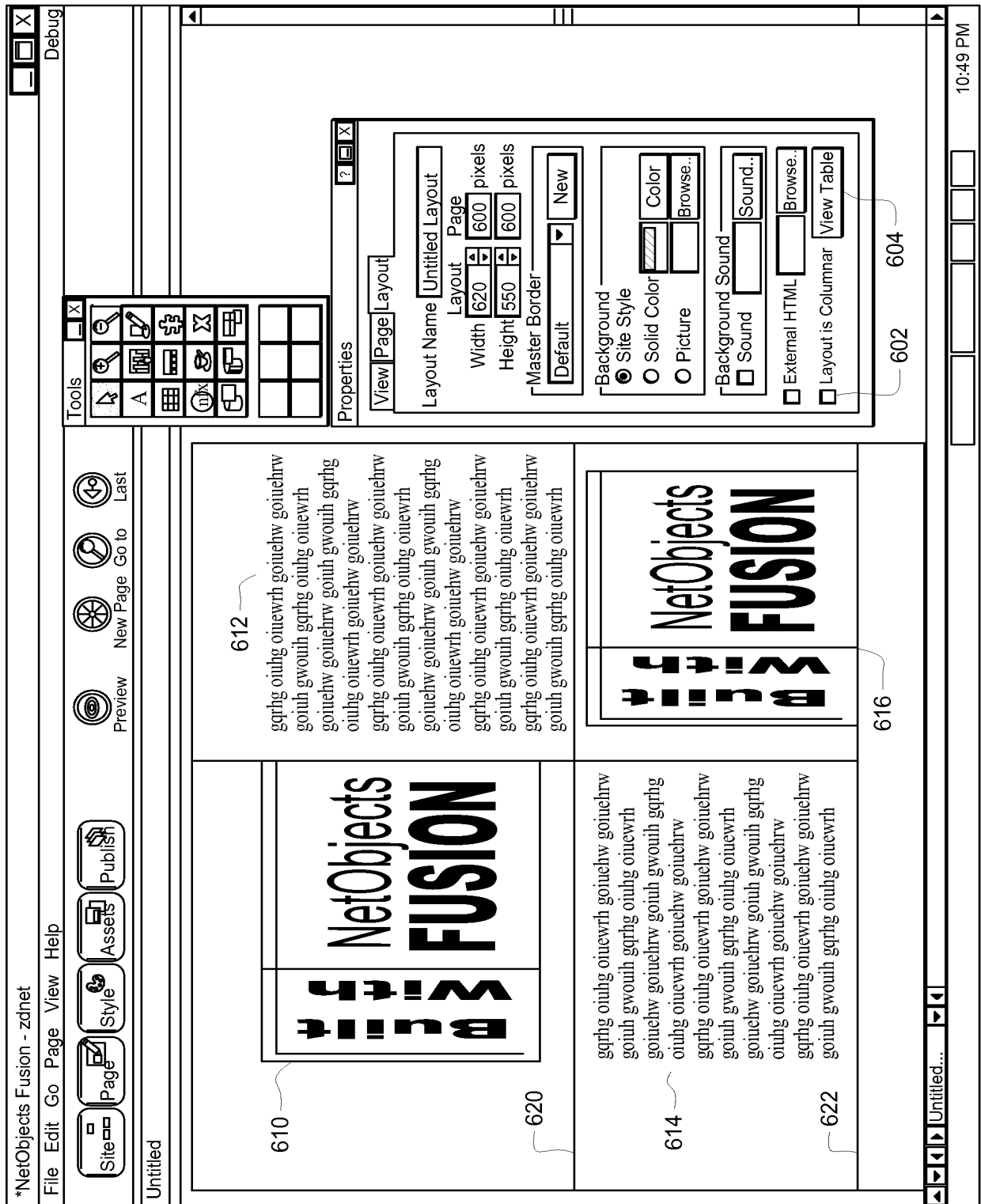


FIG. 6B

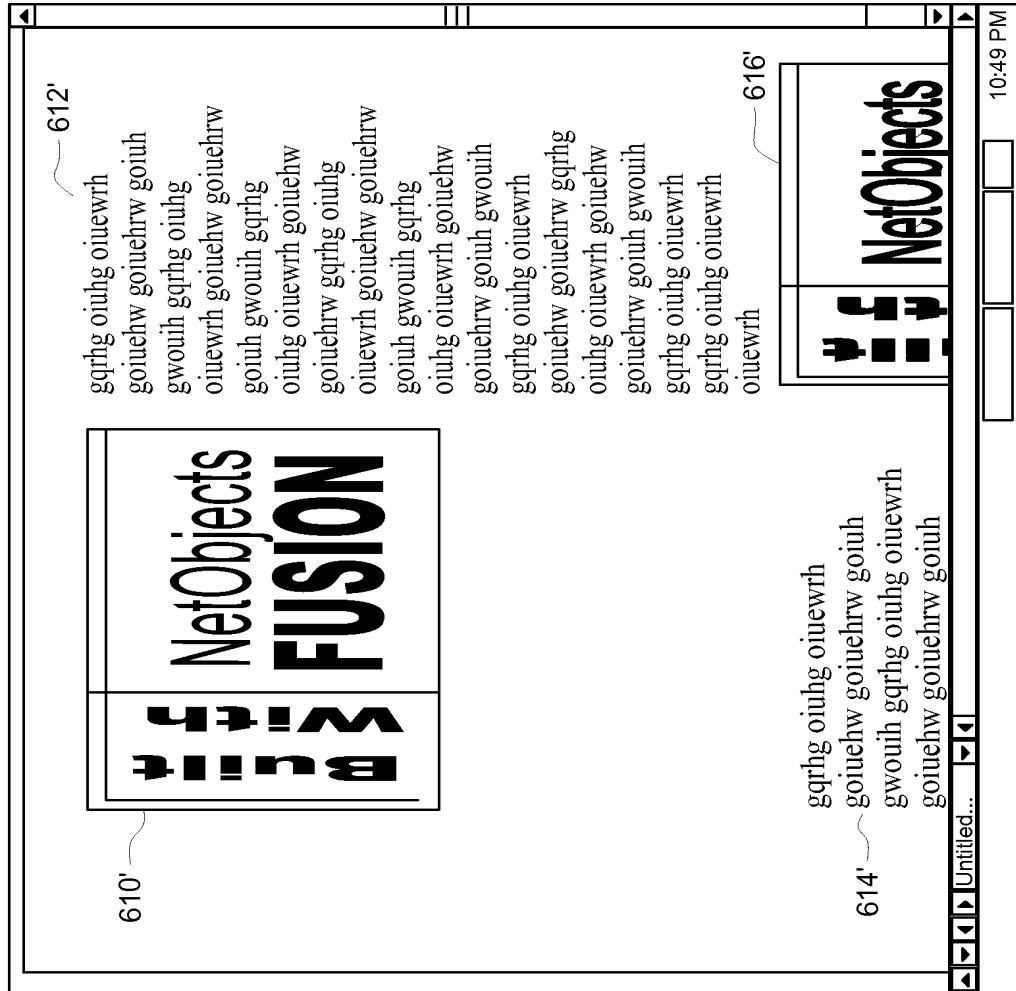


FIG. 7A

FIG. 7B

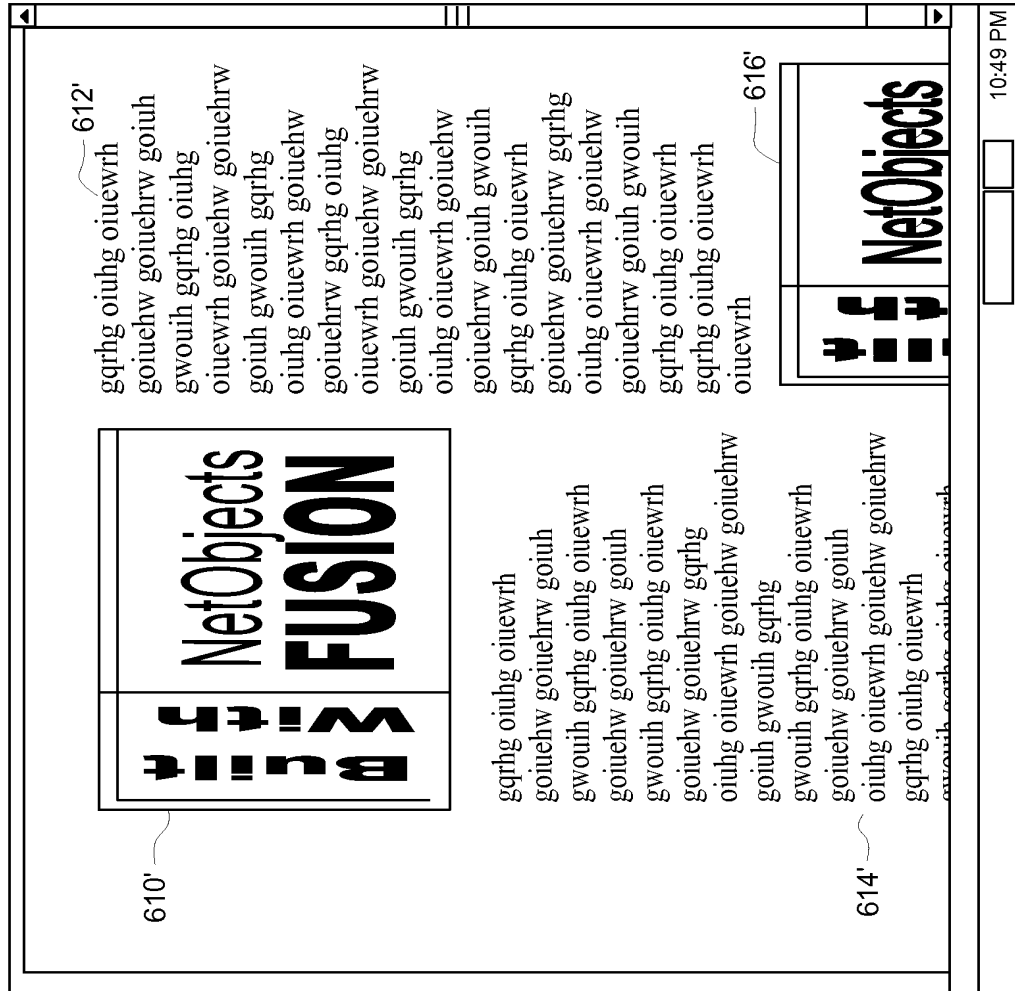


FIG. 7C

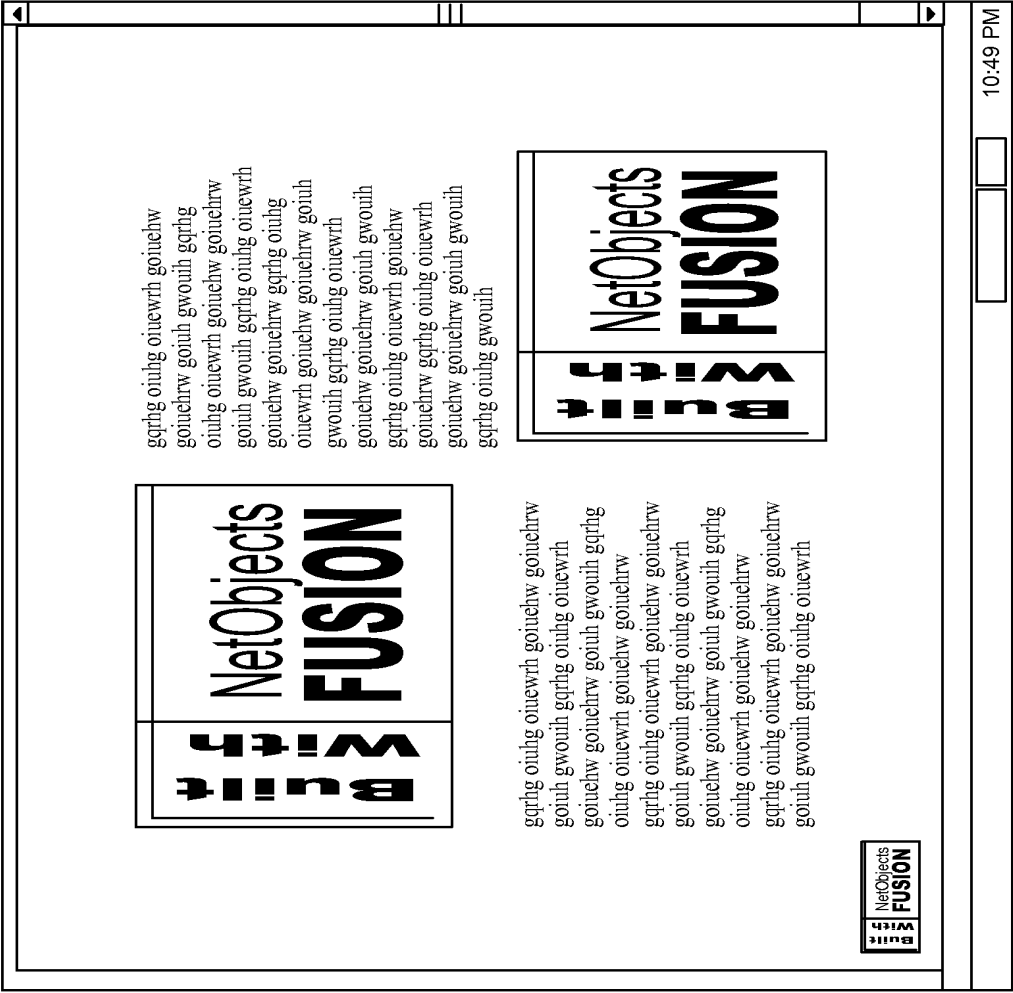


FIG. 8

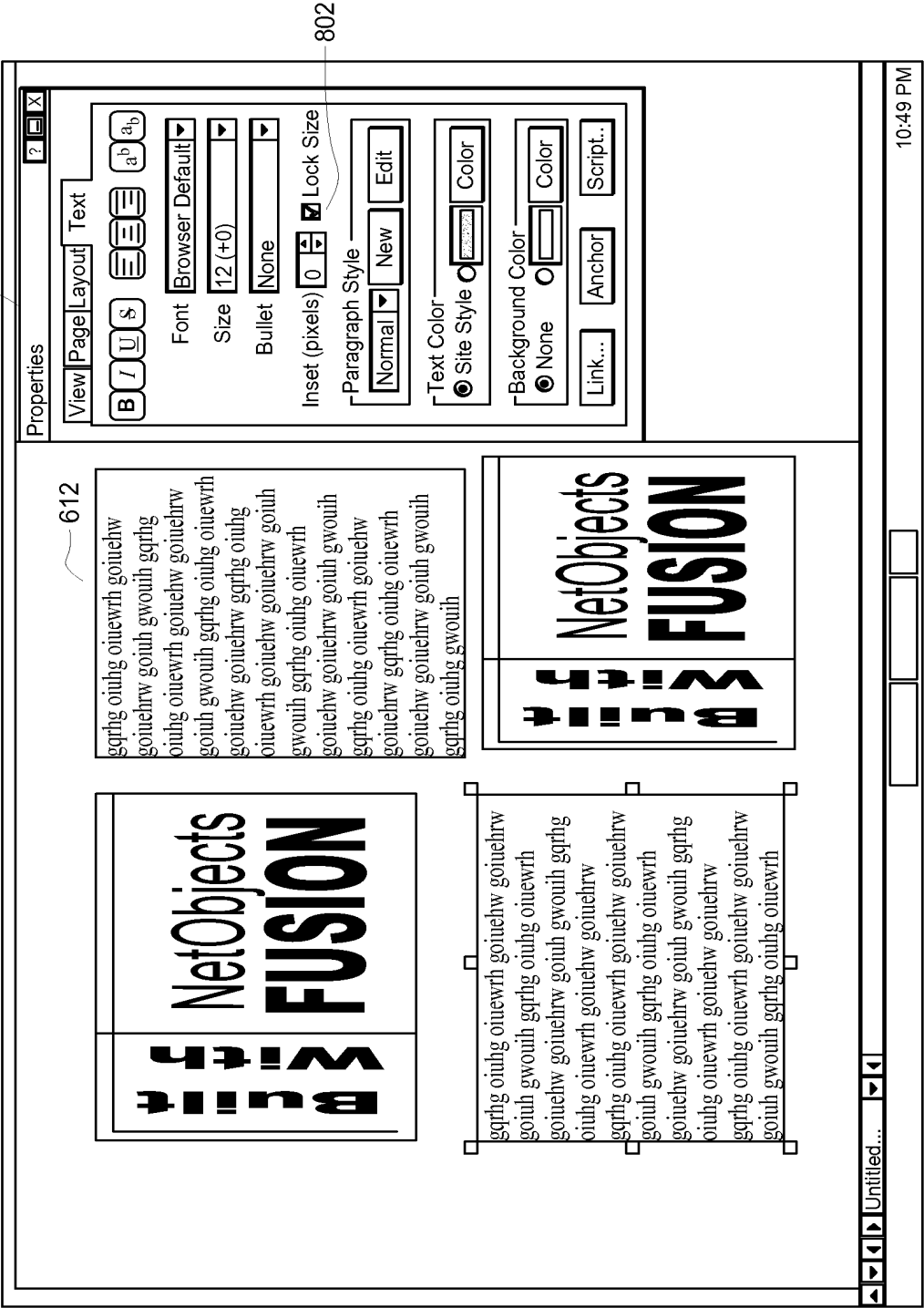
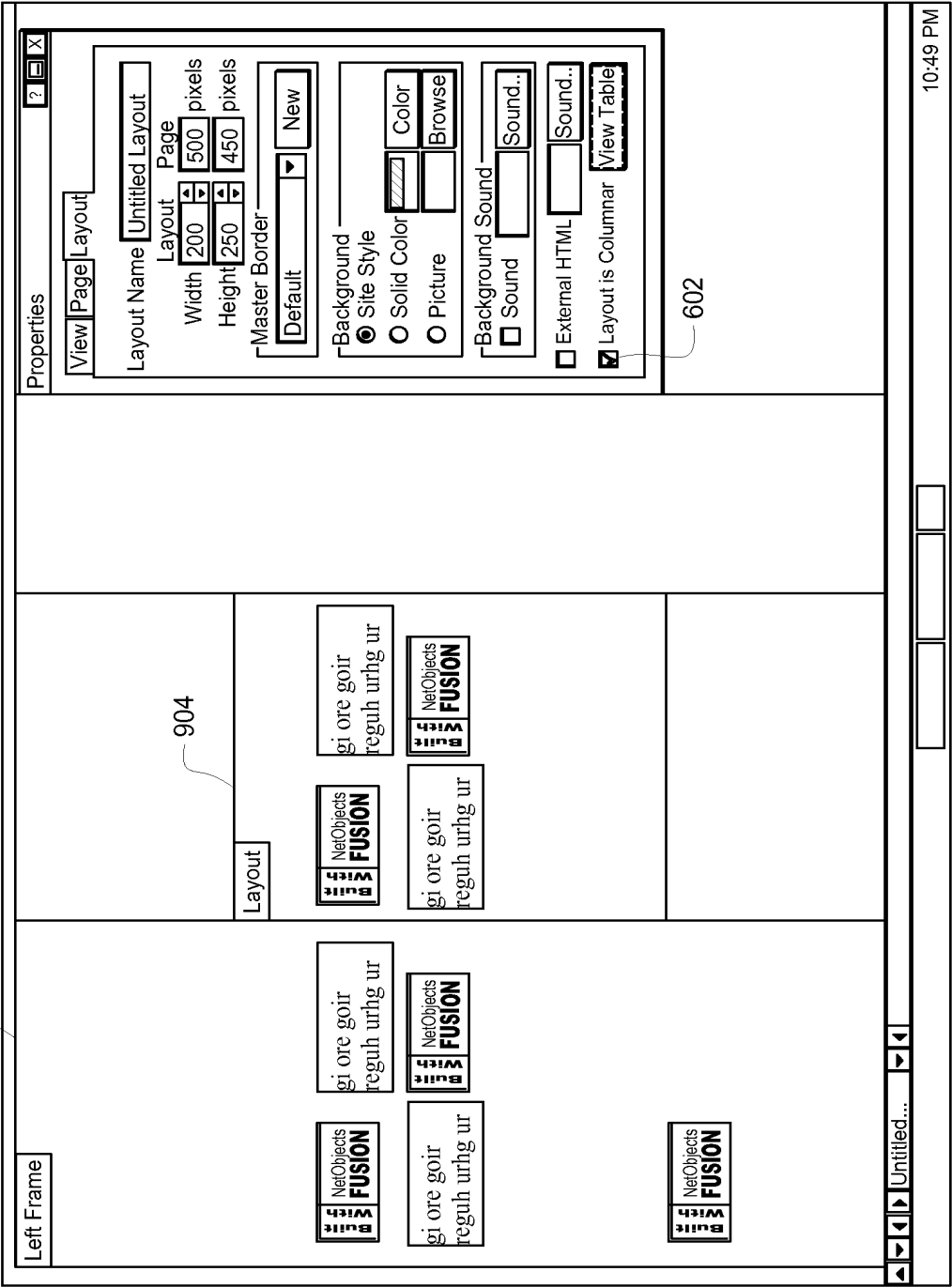


FIG. 9



14/31
FIG. 10
SPLIT PROCEDURE

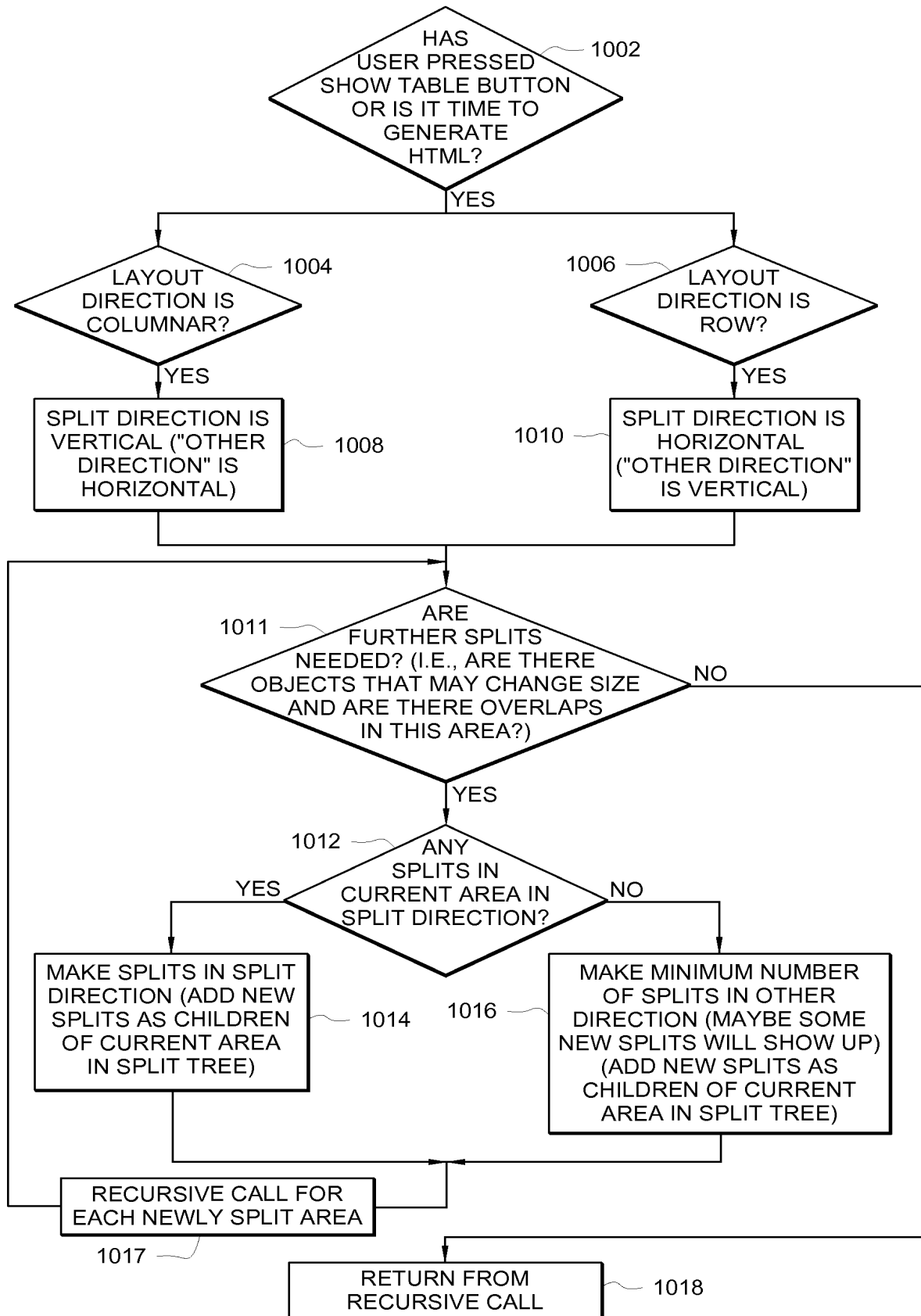


FIG. 11A
SPLITABLE

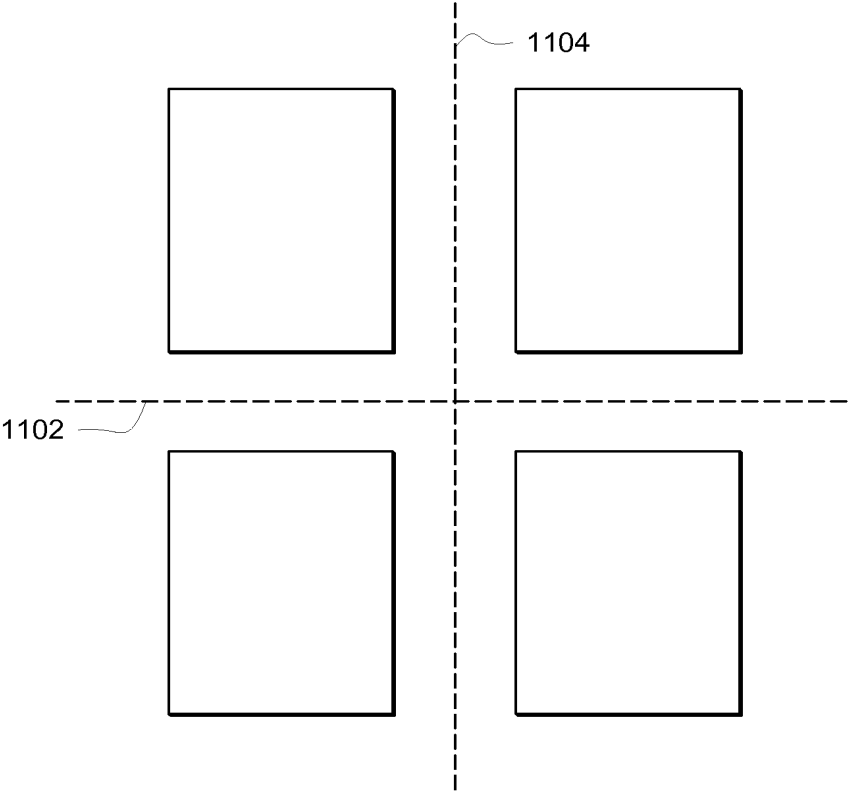


FIG. 11B
NON-SPLITABLE

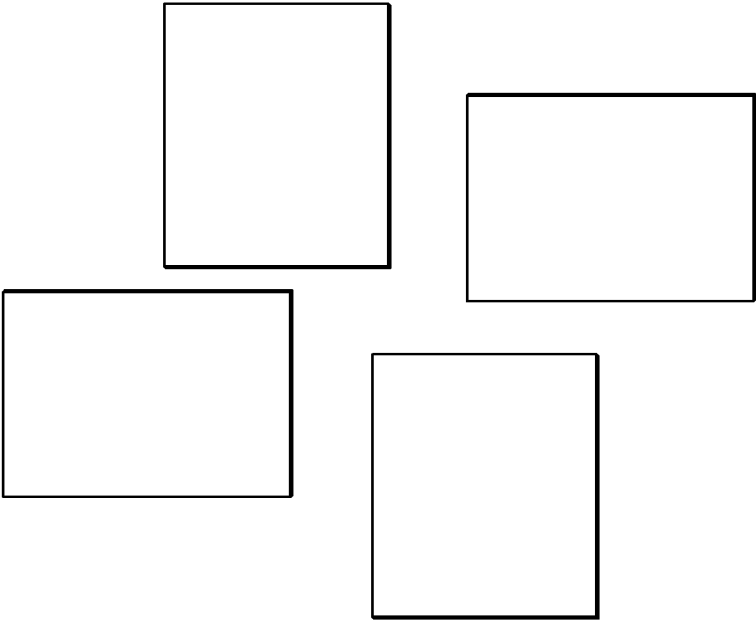
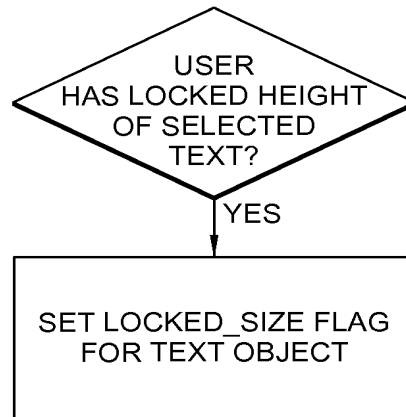
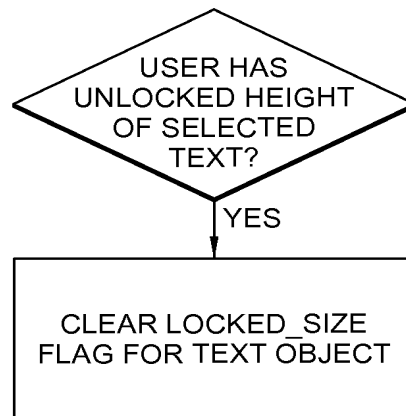
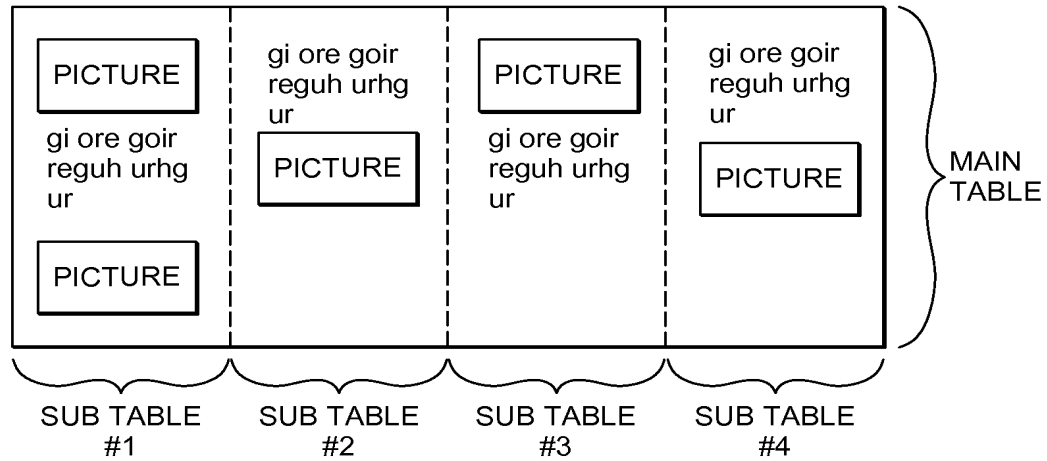
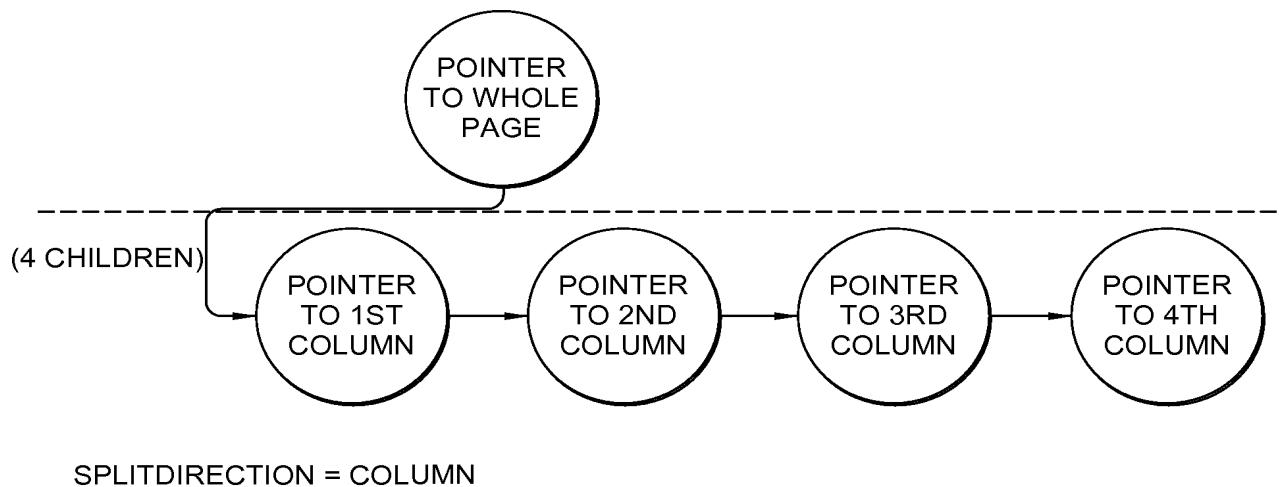


FIG. 12A*FIG. 12B*

17/31

FIG. 13A*FIG. 13B*

*18/31**FIG. 13C*

A NODE IN THE SPLIT TREE

- AREA OF PAGE CORRESPONDING
TO THIS NODE
- OBJECT LIST FOR THIS AREA
- DIRECTION THIS NODE IS
SPLIT IN (IF ANY)
- POINTER(S) TO CHILDREN (IF ANY)

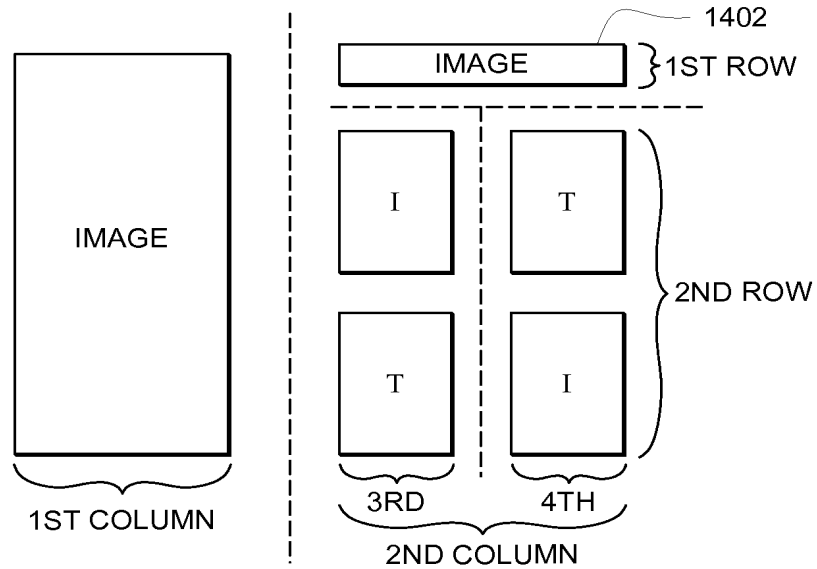
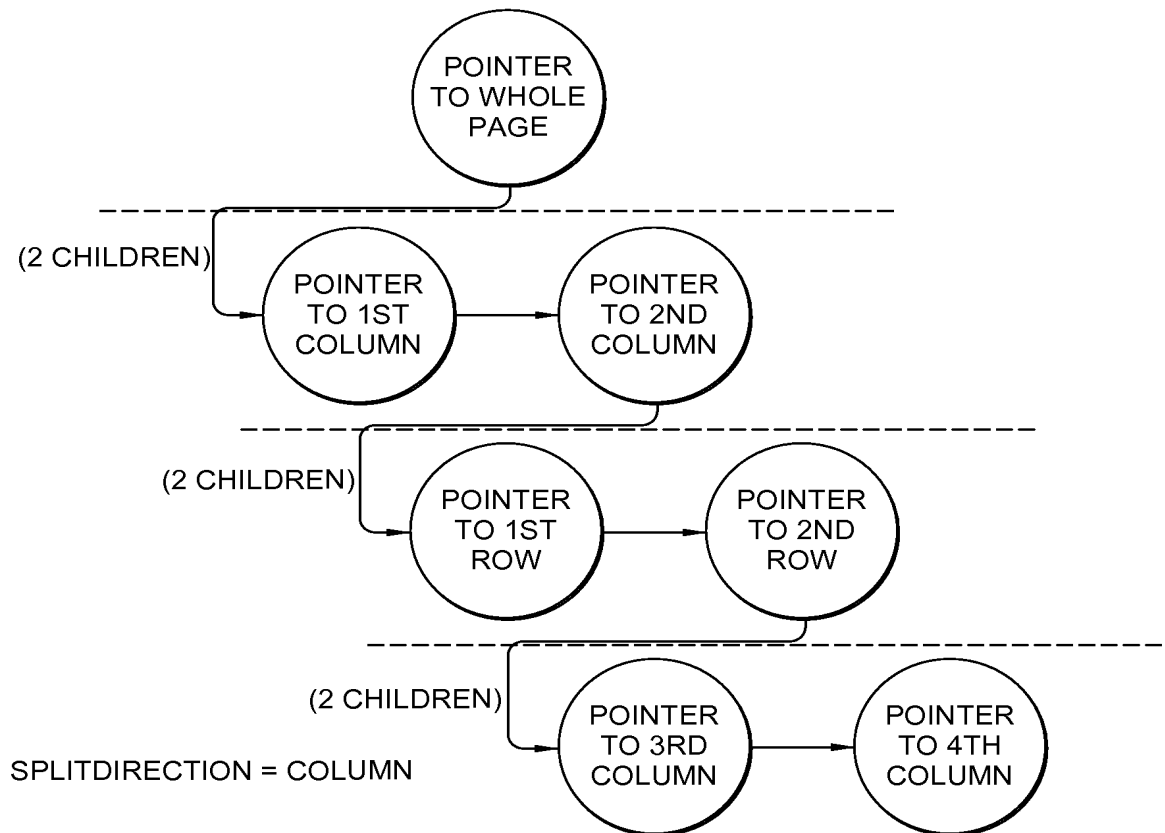
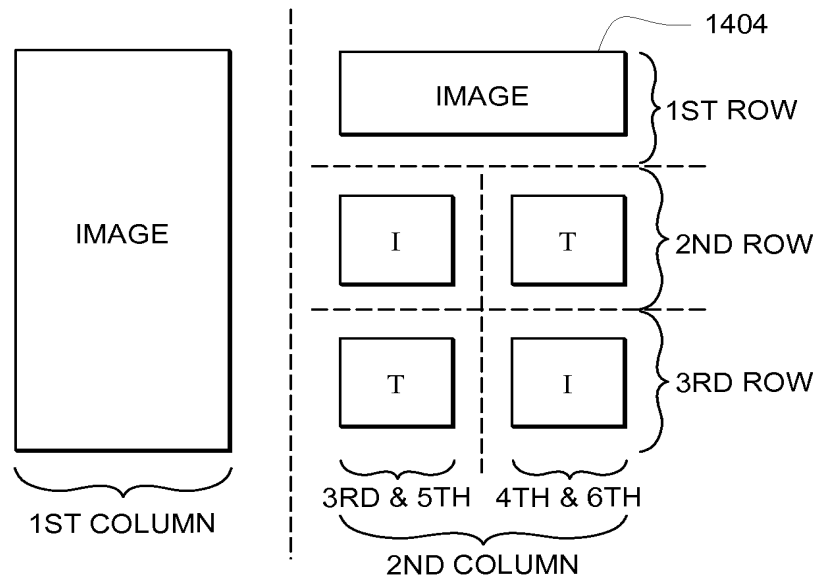
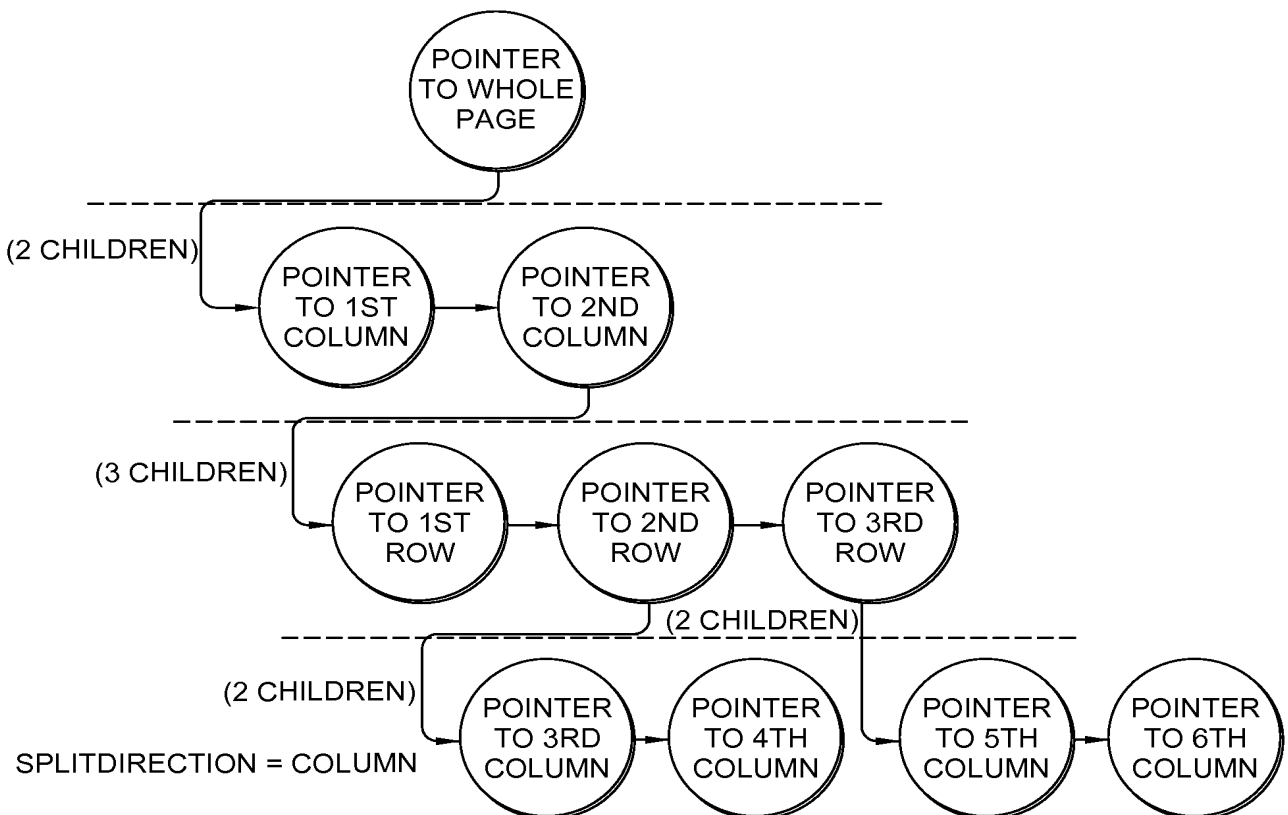
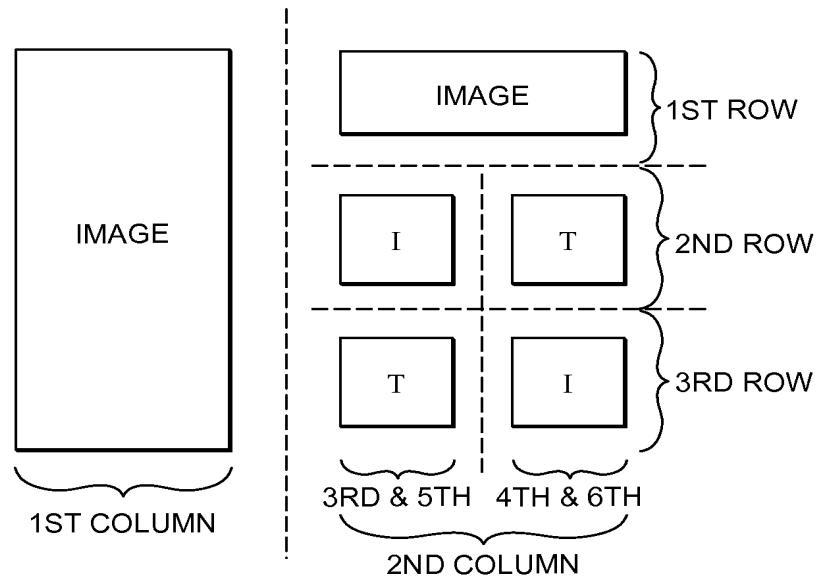
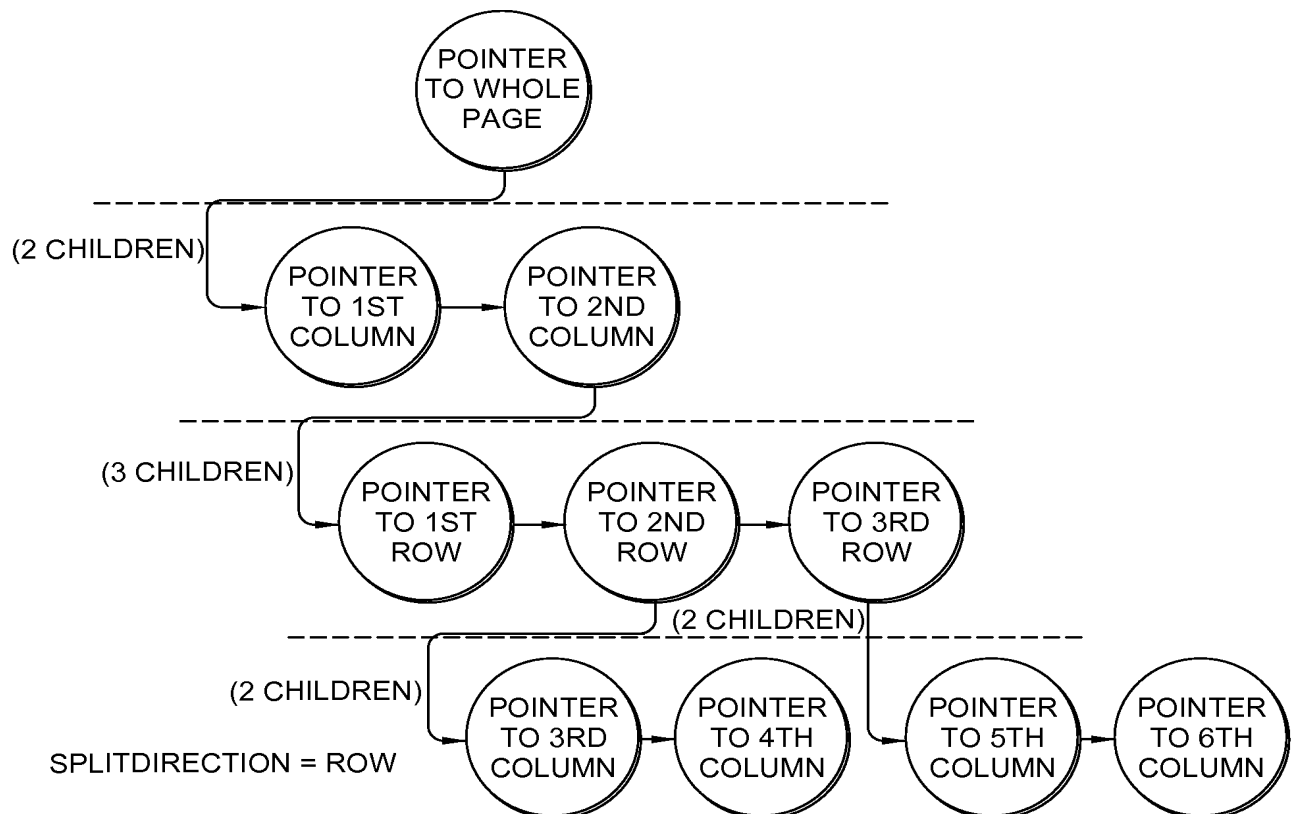
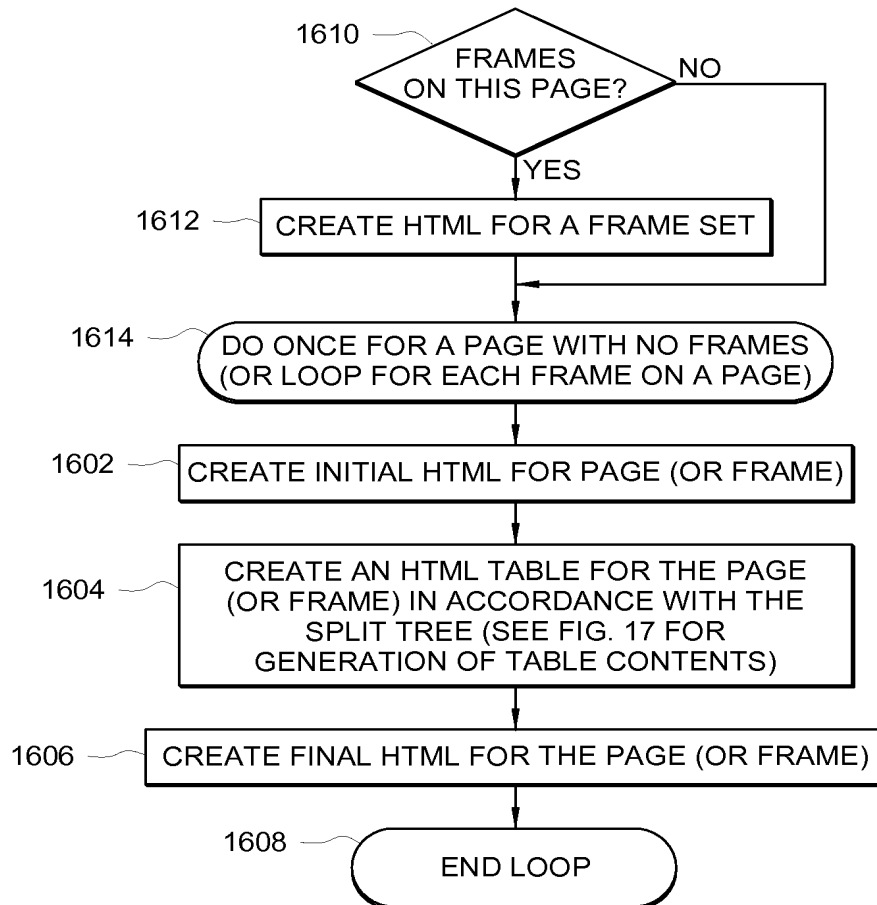
FIG. 14A*FIG. 14B*

FIG. 14C*FIG. 14D*

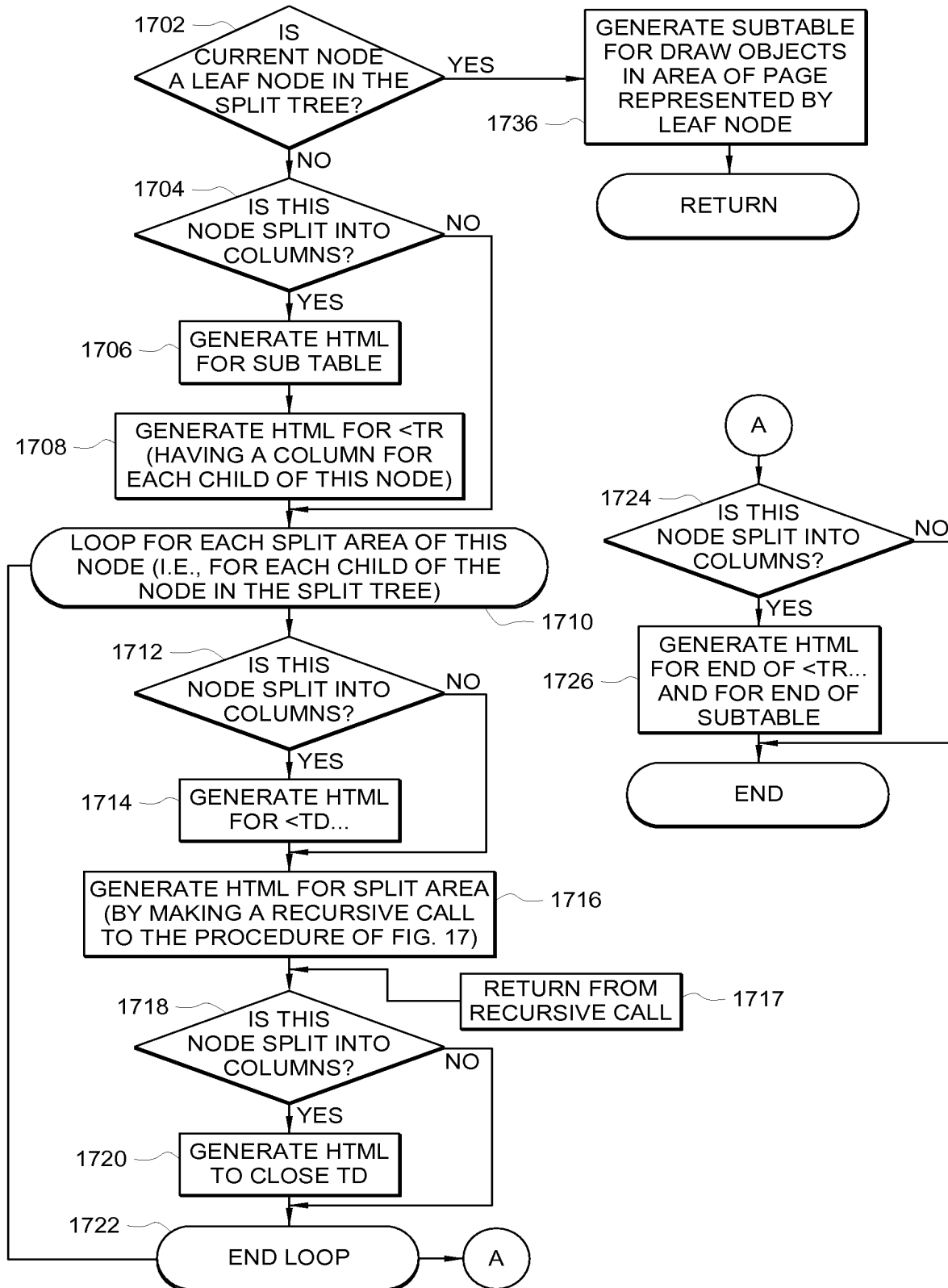
21/31

FIG. 15A*FIG. 15B*

22/31

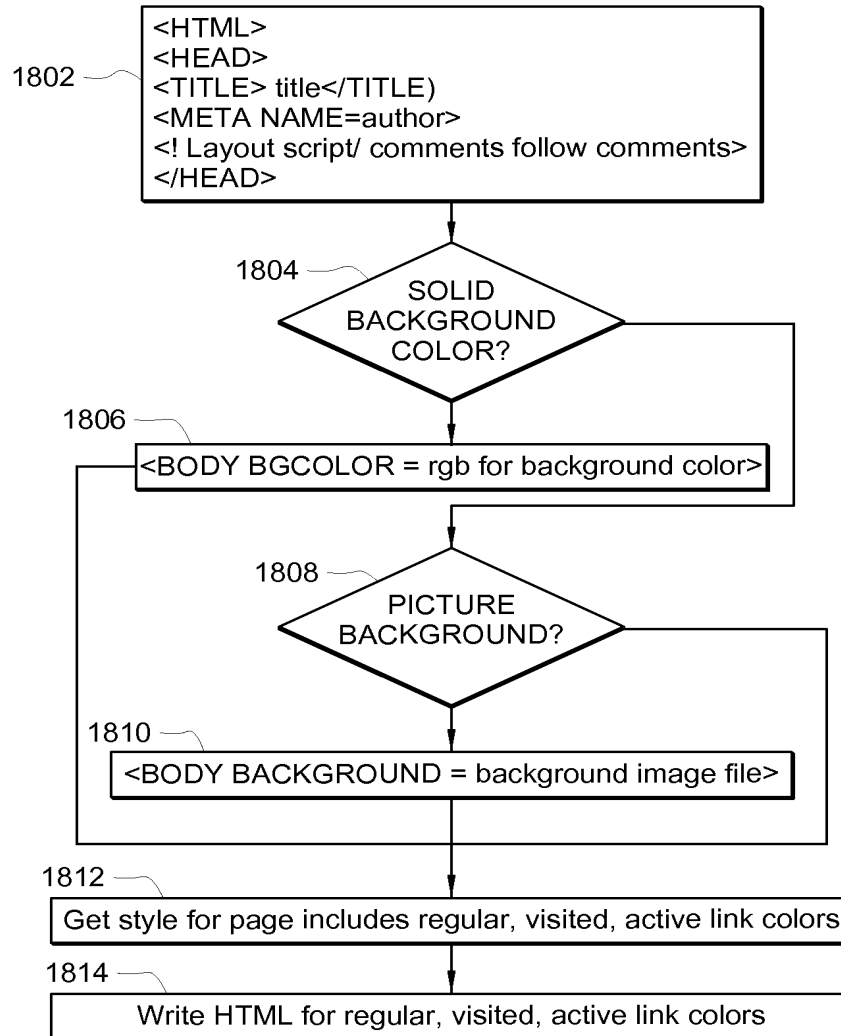
FIG. 16

23/31

FIG. 17GENERATE INTERNAL
REPRESENTATION (HTML)

24/31

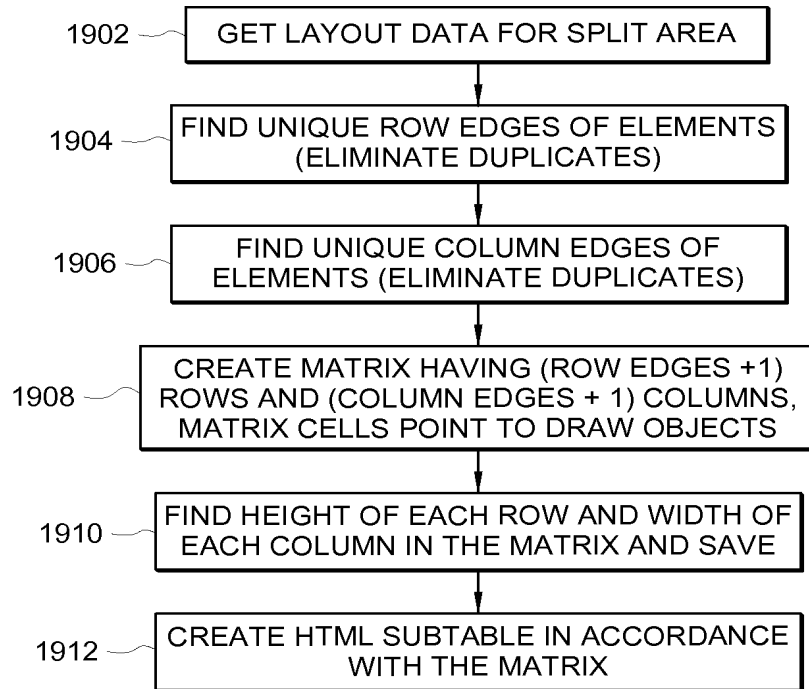
FIG. 18
CREATE INITIAL HTML



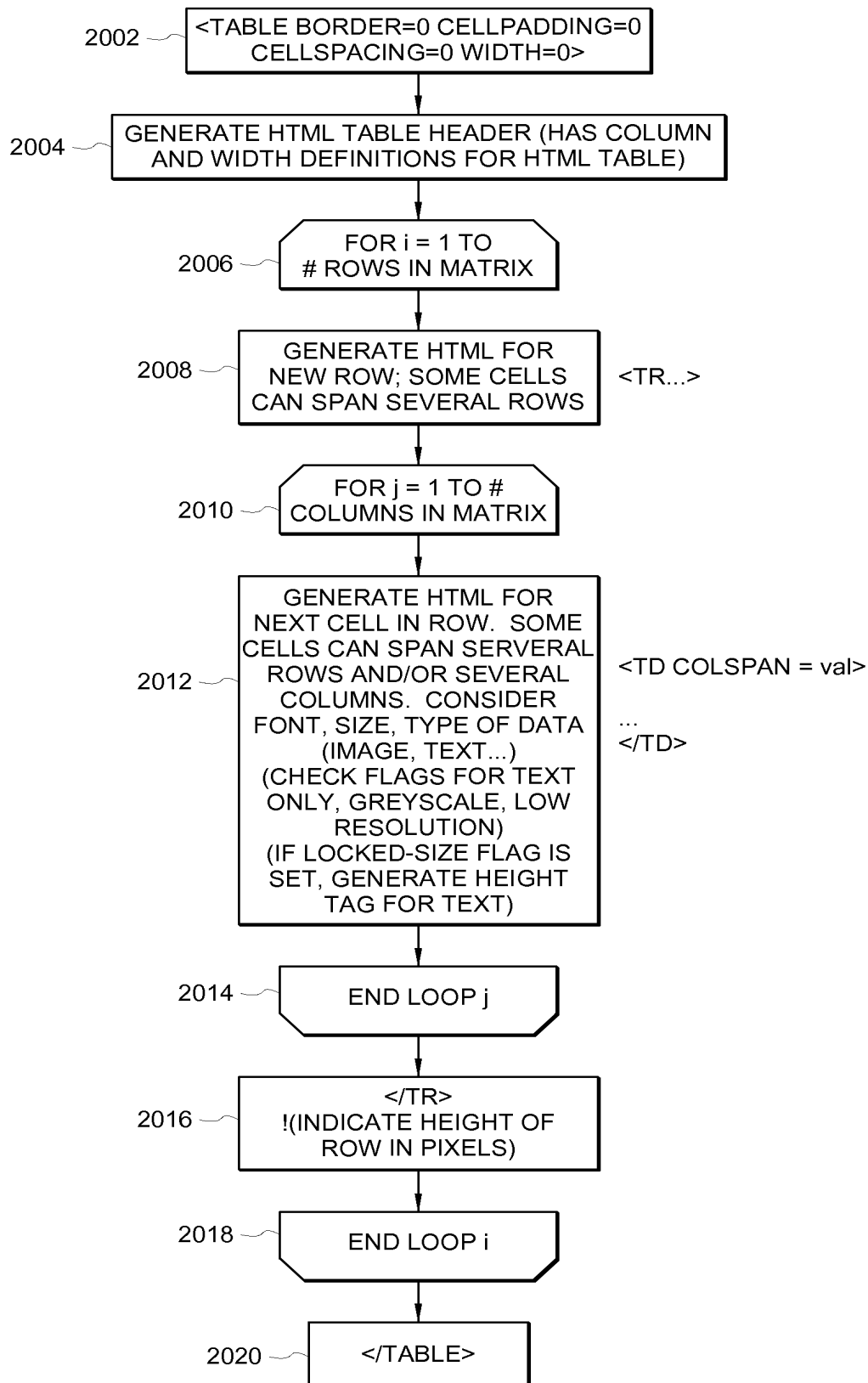
25/31

FIG. 19

BUILD HTML SUBTABLE



26/31

FIG. 20GENERATION OF HTML FOR AN HTML SUBTABLE
IN ACCORDANCE WITH MATRIX

27/31

FIG. 21

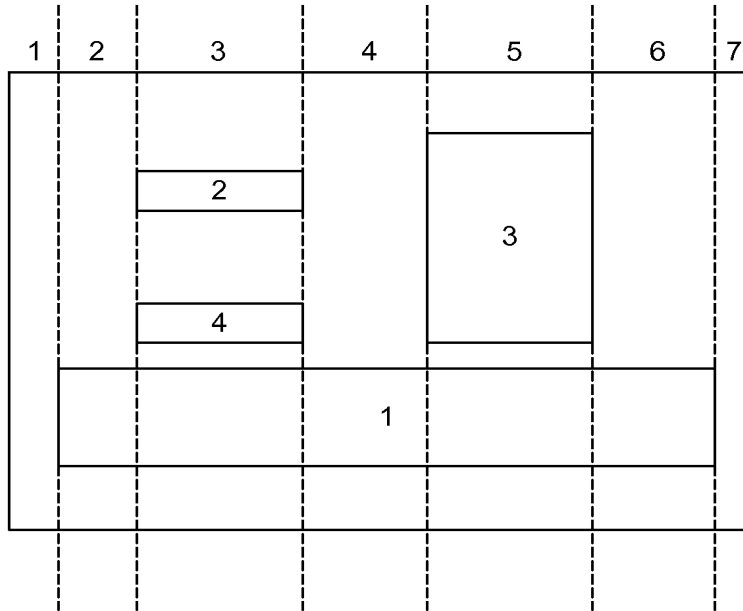
GENERATE FINAL HTML

2102

```
<p> <A HREF = netobjects homepage URL>  
    <IMG SRC=link image\ BORDER=0>  
    </A>  
</P>  
</BODY>  
</HTML>
```

28/31

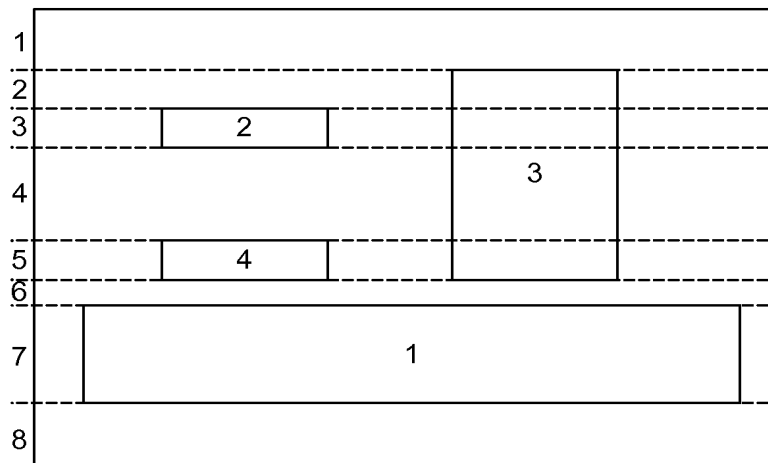
FIG. 22



Object #	Start	Start + Length
----------	-------	----------------

1	10	100
2	30	40
3	60	75
4	30	40

2202



Object #	Start	Start + Height
----------	-------	----------------

1	80	95
2	20	25
3	10	70
4	65	70

2204

29/31

FIG. 23

Object #	Start	Start + Length	Object #	Start	Start + Height
1	10	100	1	80	95
2	30	40	2	20	25
3	60	75	3	10	70
4	30	40	4	65	70

SORT AND REMOVE
DUPLICATES

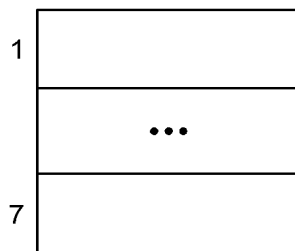
COLUMN EDGES

10
30
40
60
75
100

} 6
COLUMN
EDGES

DETERMINE WIDTH
OF EACH COLUMN

COLUMN WIDTHS

SORT AND REMOVE
DUPLICATES

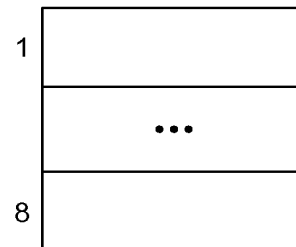
ROW EDGES

10
20
25
65
70
80
95

} 7
ROW
EDGES

DETERMINE HEIGHT
OF EACH ROW

ROW HEIGHTS



30/31

FIG. 24

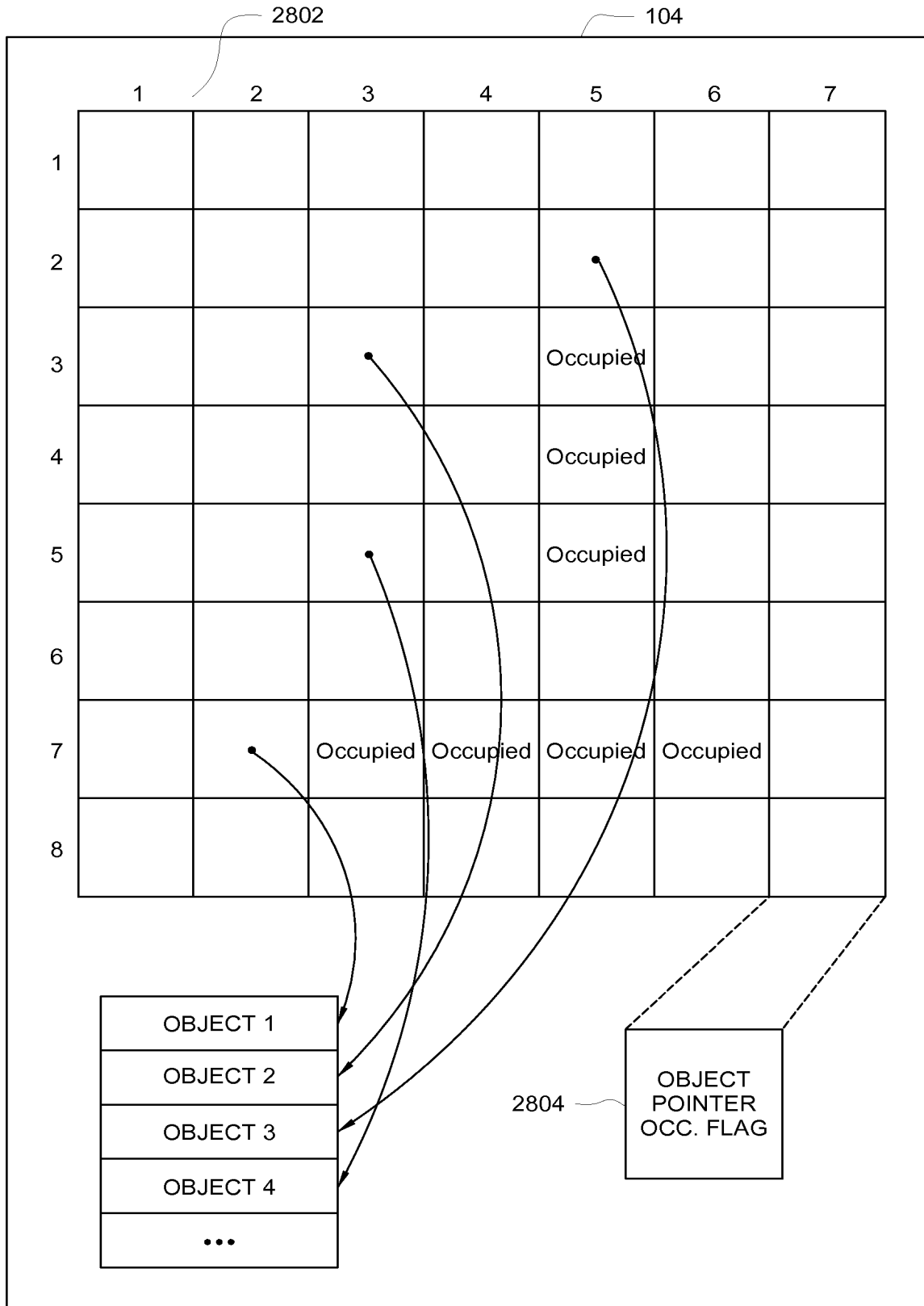


FIG. 25

